In the Specification

Applicants request that the paragraphs beginning at page 10, line 7, be amended to read as follows:

Figure 8 is a schematic cross sectional view of a treatment apparatus according to an additional alternative embodiment of the present disclosure; ~~and~~

Figure 9 is a plot of e-coli response based on experimental results obtained according to an embodiment of the present disclosure~~.~~; and

Applicants request that the following paragraph be added to the specification at page 10, line 11:

Figure 10 is a plot of PPV removal relative to surface dose based on experimental results obtained according to an embodiment of the present disclosure.

Applicants hereby request that the following figures be deleted from the specification, without prejudice:

- *The figure appearing at page 41, entitled "Summary plasma and platelets;" and*
- *The figure appearing at page 43, entitled "e-coli dose response 260nm vs. 282nm."*

By way of a contemporaneous amendment to the drawings, the figure initially appearing at page 41 is being added to the application as new Figure 10. The figure currently appearing at page 43 is duplicative of the plot already set forth in Figure 9.

Applicants hereby request that the paragraph beginning at page 41, line 4 (below the figure) be amended to read as follows:

For both platelets and plasma, the PPV was reduced to non-detectable levels as shown in Figure 10 hereto. The maximum log removal shown is that which could be quantified given the limits of detection. Extra wells were set for the highest dose measurements, and no virus was detected.

Applicants hereby request that the paragraph beginning at page 43, line 7 and bridging onto page 44 be amended to read as follows:

A collimated beam apparatus was used to deliver light to static sample containers. Heterotrophic plates counts (HPC) were performed as per Standard Methods Spread Plate Method (9215 C.) (19^{th} Ed). This included serial diluting the sample by 10s using 50% Difco nutrient broth as diluent, pipetting 100 μL of each dilution onto the plates, and spreading the sample with a plastic disposable spreader so that the entire sample is absorbed into the agar media. Samples were incubated (plates inverted) at 32-35oC and counted for quantification of heterotrophic bacteria at 24 hours and again at 48 hours and recorded. Only the analytical plate (that with colonies between 30 and 300) was reported although all counts were recorded in the lab book. The resulting data, which reflects averages of several runs, is shown in the plot of ~~Figure 7~~ Figure 9.